

# Biodynamic viticulture in Catalonia

## Introduction

Biodynamic agriculture appears on the momentum of cultural revival led by Austrian Rudolf Steiner (1861-1925) framed by what he called Spiritual Science or Anthroposophy

## Scientific foundations

- Rudolf Steiner
- Johann Wolfgang von Goethe
- Alfred North Whitehead
- Peter Henri Bortoft



## Technical bases

- The farm as a single organism: The soil, plants, animals and man working together, focusing on wine farm as a living organism and unified regulates itself
- The influence of the stars on the farm: Everything is connected by the energy of the universe and the vineyard too
- The biodynamic preparations

Description of biodynamic preparations				
Nº	Name	Material	Animal organ	Quantity/year
Field preparations				
500	Horn manure	Cow dung	Cow horn	4 horns/ha
501	Silicon horn	Ground quartz	Cow horn	1 horn/25 ha
Compost preparations				
502	Yarrow	Flowers	Deer male bladder	1 bladder/250 ha
503	Chamomile	Flowers	Cow intestine	30 cm/100 ha
504	Stinging nettle	Whole plant	None	
505	Oak bark	Cortex	Cow skull	1 skull/300 ha
506	Dandelion	Flowers	Bovine peritoneum	30x30 cm/100 ha
507	Valerian	Flower extract	None	
508	Horsetail	Stem	None	

## Sensitive crystallization



## Demeter Certificate



## Catalonia

- Has been a pioneer in applying the biodynamic agriculture in Spain (started in the 70s)
- It is a sector in continuous growth
- Catalan biodynamic wines have received much attention in the last 15 years all over the world thanks to major wineries have prestigious names



- ❖ Mas Estela: First to apply biodynamic throughout Spain
- ❖ Bodegues Pinord: First to get the certificate Demeter throughout Spain
- ❖ Caves Recaredo: First pink sparkling throughout Spain
- ❖ Parés Baltà
- ❖ Celler Vins el Cep: First biodynamic champagne throughout Europe



## Conclusions

- Biodynamic is one of the best ways to get the concept of appellation of origin and is the essence of the wines produced in different regions of Catalonia
- Wines organoleptically superior
- Plays an innovator in the development of organic farming
- It is a viticulture that respects the environment
- It is essential for the future that consumers know the brand Demeter